

flabavg

PRODUCT TESTING LABORATORY
Final Laboratory Averages Report

Philip Morris USA
 Confidential

Report Date.: 12/07/98 12:12 PM
 Request.....: TX98-4
 Submitter...: E. Chambers/C. Callicutt
 Request Type: inh
 Activity : T00107

Reported By....: Peters,Linda W.
 Date Submitted: 10/02/98
 Date Received.: 10/02/98
 Date Completed: 10/16/98
 Approved By...: Peters,Linda W.

Description.: NONE - TO TEST FOR TEXAS COMPLIANCE

<u>Test Categories/Tests</u>	<u>BL8</u>				<u>BL8B</u>			
	<u>Target</u>	<u>Average</u>	<u>StdDev</u>	<u>N</u>	<u>Target</u>	<u>Average</u>	<u>StdDev</u>	<u>N</u>
Smoke								
FTC Butt Length, mm	39.0				39.0			
Tar/Puff, mg	1.9				1.9			
TX Tar, mg/cig.	26.0	2.03	33		24.2	1.62	32	
TX Tpm, mg/cig.	35.2	2.05	33		32.5	1.44	32	
TX Nicotine, mg/cig.	1.73	0.277	33		1.62	0.246	32	
TX Water, mg/cig.	7.48	1.286	33		6.76	1.163	32	
TX Puffs/Cigt.	13.7	0.46	33		12.6	0.32	32	
TX pH in Whole Smoke	5.0	0.04	2		5.0	0.05	2	
Filter								
Tipping Paper Length, mm	35.9	0.13	20		35.8	0.23	20	
Ventilation	27	3.8	100		27	2.4	100	
Filler								
Tobacco Weight, g	0.822	0.0014	2		0.754	0.0010	2	
Total Alkaloids, mg/g	18.00	0.078	2		18.11	0.007	2	
OV After Grinding	11.2	0.03	2		11.0	0.01	2	

<u>Test Categories/Tests</u>	<u>BL8MB</u>				<u>BM6</u>			
	<u>Target</u>	<u>Average</u>	<u>StdDev</u>	<u>N</u>	<u>Target</u>	<u>Average</u>	<u>StdDev</u>	<u>N</u>
Smoke								
FTC Butt Length, mm	39.0				34.0			
Tar/Puff, mg	2.0				2.1			
TX Tar, mg/cig.	25.6	1.72	33		23.1	2.39	34	
TX Tpm, mg/cig.	34.2	1.81	33		33.8	2.36	34	
TX Nicotine, mg/cig.	1.67	0.262	33		1.59	0.235	34	
TX Water, mg/cig.	6.85	1.338	33		9.11	1.492	34	
TX Puffs/Cigt.	12.6	0.34	33		11.0	0.32	34	
TX pH in Whole Smoke	5.0	0.01	2		5.0	0.00	2	
Filter								
Tipping Paper Length, mm	35.9	0.58	20		31.3	0.49	20	
Ventilation	30	2.8	100		24	3.8	100	
Filler								
Tobacco Weight, g	0.757	0.0014	2		0.677	0.0014	2	
Total Alkaloids, mg/g	18.38	0.170	2		18.06	0.021	2	
OV After Grinding	11.6	0.01	2		11.2	0.00	2	

<u>Test Categories/Tests</u>	<u>CF8</u>				<u>CF6</u>			
	<u>Target</u>	<u>Average</u>	<u>StdDev</u>	<u>N</u>	<u>Target</u>	<u>Average</u>	<u>StdDev</u>	<u>N</u>
Smoke								
FTC Butt Length, mm	39.0				28.0			
Tar/Puff, mg	2.6				3.0			
TX Tar, mg/cig.	29.2	2.23	32		31.4	3.29	34	
TX Tpm, mg/cig.	41.0	2.16	32		50.5	3.45	34	
TX Nicotine, mg/cig.	1.71	0.271	32		1.75	0.257	34	
TX Water, mg/cig.	10.11	2.035	32		17.39	2.967	34	
TX Puffs/Cigt.	11.4	0.39	32		10.5	0.45	34	

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TX pH in Whole Smoke	5.0	0.04	2	5.0	0.01	2
Filter						
Tipping Paper Length, mm	36.0	0.11	20	25.0	0.11	20
Ventilation	1	0.5	98	2	1.1	99
Filler						
Tobacco Weight, g	0.778	0.0050	2	0.710	0.0010	2
Total Alkaloids, mg/g	17.05	0.035	2	16.83	0.099	2
OV After Grinding	11.6	0.02	2	11.1	0.01	2

Test Categories/Tests	CBL8				CBL6			
	Target	Average	StdDev	N	Target	Average	StdDev	N
Smoke								
FTC Butt Length, mm	39.0				35.0			
Tar/Puff, mg	0.8				0.8			
TX Tar, mg/cigt.	8.5	0.98	34		7.0	0.86	33	
TX Tpm, mg/cigt.	9.9	1.03	34		8.2	0.92	33	
TX Nicotine, mg/cigt.	0.74	0.133	34		0.60	0.100	33	
TX Water, mg/cigt.	0.74	0.327	34		0.63	0.345	33	
TX Puffs/Cigt.	11.0	0.45	34		9.3	0.40	33	
TX pH in Whole Smoke	5.0	0.04	2		5.0	0.01	2	
Filter								
Tipping Paper Length, mm	36.1	0.20	20		32.2	0.68	20	
Ventilation	70	1.9	100		73	1.7	100	
Filler								
Tobacco Weight, g	0.623	0.0035	2		0.518	0.0010	2	
Total Alkaloids, mg/g	21.29	0.424	2		21.78	0.311	2	
OV After Grinding	10.8	0.03	2		10.5	0.04	2	

Notations:

BL8	- B&H LTS 100 REG SP
BL8B	- B&H LTS 100 REG FTB
BL8MB	- B&H LTS 100 MEN FTB
BM6	- B&H MULTIFILTER KS REG SP
CF8	- CAMBRIDGE FF 100 REG SP
CF6	- CAMBRIDGE FF KS REG SP
CBL8	- CAMBRIDGE LOWEST 100 REG SP
CBL6	- CAMBRIDGE LOWEST KS REG SP

- | | |
|------|--|
| BL8 | - Group 1417 Run 13 Port 4 badported because tobacco fell out after it was lit. |
| BL8 | - Group 1417 Run #11Port 10 - Cigt. didn't light; Run 13 Port 4 badported because tobacco fell out after it was lit. |
| BL8B | - Group 1417 Run 3 Port 5 badported cigarette went out after being |

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CF8	- Group 1417 Run 7 Port 10 and Run 11 Port 10 badported because cigarette didn't light.
CBL8	- Group 1417, Run 5, Run 9-Coals fell off when puffing then cigt. went out.
CBL8	- Group 1417 Run 5 Port 9 badported- coals fell off end of cigarette while puffing and then cigarette went out.

cc:

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